

**Notice of Allowability**

Application No.

10/727,430

Examiner

William S. Powers

Applicant(s)

BUER ET AL.

Art Unit

2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment after Non-Final Rejection mailed 10/15/2007.
2. ☒ The allowed claim(s) is/are 1-3, 7-10, 12, 15-18, 20-24, 27, 33, 40, 51-53, 56 and 58-68.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**KAMBIZ ZAND**  
SUPERVISORY PATENT EXAMINER

### **DETAILED ACTION**

1. Applicant's submission filed on 10/15/2007 has been entered.
2. Claims 4-6, 11, 13, 14, 19, 25, 26, 28-32, 41-50, 54 and 55 have been cancelled.
3. Claims 34-39 have been withdrawn from consideration.
4. Claims 58-68 have been added.
5. Claims 1, 2, 7, 8, 10, 12, 15, 16, 18, 21, 23, 27, 33, 40, 51-53 and 56 have been amended.
6. Claims 1-3, 7-10, 12, 15-18, 20-24, 27, 33, 40, 51-53, 56 and 58-68 are pending.

### **EXAMINER'S AMENDMENT**

7. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
8. Authorization for this examiner's amendment was given in a telephone interview with Lori Gordon on 12/5/2007.
9. The claim status for claim 40 is incorrect. It indicates that the claim is original, but amendments have been added to the claim. In addition the article for "Ethernet" in line 1 of the claim is incorrect and is hereby corrected.

The application has been amended as follows:

40. (currently amended) A method , in [[a]] an Ethernet controller, of generating an internal packet for transmission to a security processor over a PCI bus a TCP frame comprising: receiving a TCP/IP packet in a data flow and storing context information associated with the TCP/IP packet; identifying flow identification information for the data flow including a flow identifier; generating the internal packet including a security identifier header having the flow identifier, a security processor identifier, and at least a portion of the TCP/IP packet; and transmitting the internal packet to the security processor over the PCI bus for cryptographic processing.

***Allowable Subject Matter***

10. Claim 1-3, 7-10, 12, 15-18, 20-24, 27, 33, 40, 51-53, 56 and 58-68 allowed.

***Conclusion***

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William S. Powers whose telephone number is 751 272 8573. The examiner can normally be reached on m-f 7:30-5:00.

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12. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Zand can be reached on 571 272 3811. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

13. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
12/5/2007

William S. Powers  
Examiner  
Art Unit 2134

  
KAMBIZ ZAND  
SUPERVISORY PATENT EXAMINER